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Sequence Listing was accepted.

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217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=7; day=18; hr=9; min=12; sec=3; ms=130;]

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Application No: 10585742 Version No: 1.0

Input Set:

Output Set:

Started: 2008-07-17 10:19:31.971
Finished: 2008-07-17 10:19:33.170
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 199 ms
Total Warnings: 12
Total Errors: 0
No. of SeqIDs Defined: 14
Actual SeqID Count: 14

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SEQUENCE LISTING

<110> HIRAMATSU, Shingo
 MORIYAMA, Hiromitsu
 ASAOKA, Ryota
 MORITA, Ken
 TANAKA, Takashi
 YAMADA, Katsushige
 OBRIEN , John Philip
 FAHNESTOCK , Stephen R.

<120> SILK THREAD CONTAINING SPIDER SILK THREAD PROTEIN AND
 SILKWORM PRODUCING SAID SILK THREAD

<130> 5374-0101PUS1

<140> 10585742

<141> 2008-07-17

<150> PCT/JP2005/000619

<151> 2005-01-12

<150> JP 2004-005489

<151> 2004-01-13

<160> 14

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<211> 101

<212> PRT

<213> Artificial Sequence

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<223> Peptide derived from spider thread protein

<400> 1

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Ala	Gly	Arg	Gly	Gly	Leu	Gly	Gly	Gln	Gly	Ala	Gly	Ala	Ala	Ala	Ala
		20					25					30			
Ala	Ala	Ala	Gly	Gly	Ala	Gly	Gln	Gly	Gly	Leu	Gly	Ser	Gln	Gly	Ala
		35				40						45			
Gly	Gln	Gly	Ala	Gly	Ala	Ala	Ala	Ala	Ala	Ala	Gly	Gly	Ala	Gly	Gln
	50					55					60				
Gly	Gly	Tyr	Gly	Gly	Leu	Gly	Ser	Gln	Gly	Ala	Gly	Arg	Gly	Gly	Gln
65					70				75					80	
Gly	Ala	Gly	Ala	Ala	Ala	Ala	Ala	Ala	Gly	Gly	Ala	Gly	Gln	Gly	Gly
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Tyr	Gly	Gly	Leu	Gly											
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<212> PRT

<213> Artificial Sequence

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<223> Peptide derived from spider thread protein

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Gly Ala Gly Gly Ser Gly Pro Gly Gln Gln Gly Pro Gly Gly Tyr Gly
35     40     45
Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly
50     55     60
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Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly
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<212> PRT

<213> Bombyx mori

<400> 3

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Cys
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<210> 4

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<212> PRT

<213> Bombyx mori

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20     25     30
Ser Asp Val
35
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<213> Artificial Sequence

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<223> Chemically synthesized primer

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<212> DNA

<213> Artificial Sequence

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<213> Artificial Sequence

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<223> Chemically synthesized sequence

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<223> Segment in the natural spider thread protein, spidroin2

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<223> Segment in the natural spider thread protein, spidroin2

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